1-81-01

PATENT APPLICATION

ATTORNEY DOCKET NO. 100111234-1

IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

S. Brandon Keller, et al.

Confirmation No.:

Application No.: 10/647,596

Examiner:

Filing Date:

Aug. 25, 2003

Group Art Unit:

Title:

System And Method Analyzing Design Elements In Computer Aided Design Tools

Mail Stop Amendment **Commissioner for Patents** PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(x) under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last) () under 37 CFR 1.97(c) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first) () under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and () a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the Issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV413241139US

Date of Deposit Jan. 20, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: is addressed Alexandria, Patents, Commissioner 22313-1450. for

lelipoa Simo

Typed Name: Melissa Smith

Respectfully submitted,

S. Brandon Keller, et al.

Curtis A. Vock

Attorney/Agent for Applicant(s)

38,356 Reg. No.

Date: Jan. 20, 2005

Telephone No.: (720) 931-3011

Rev 12/04 (IDSXML)

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
prespond to a collection of information unless it contains a valid OMB control number.

تيسبي	THE THE PARTY OF A TYPE	ا بنائيان	CA CA TOCK, NO DESCRIBED TO	quied wirespond was concentration	THE LOT IC THESE TOO THE TEN OF A VALUE CAVID CON THE	I MI I MACE	
Substitute for form 1449APTO				Complete if Known			
				Application Number	10/647,596		
INFO	PRMATION	DIS	CLOSURE	Filing Date	August 25, 2003		
STA	TEMENT B	Y A	PPLICANT	First Named Inventor	S. Brandon Keller		
				Art Unit			
	(Use as many she	eets as	necessary)	Examiner Name			
Sheet	I 1	of	1	Attorney Docket Number	100111234-1		

	-		U.S. PATENT D	OCUMENTS	
Examiner	Cito	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	Cito No.1	Number - Kind Code ² (if known)	M.W-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
100		US-2002/010901 A1			
701		US- 6,185,722 B1			
		US-			
	L	US-		· — ·	
	I	US-			
		US-			
L		US-			
		US-			

		FOREIGN PA	TENT DOCUM	MENTS		
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	76
21		JP 07334532 A	12/22/1995	Mitsubishi Denki Semiconductor		
0		-		 		<u>.</u>
	i .					

Examiner Signature	M. Jones	Date Considered	9/27/06
-----------------------	----------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through criation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the region of the Emperor must precede the serial number of the patent document. WiPO Standard ST. 16 if possible. Applicant is to place a check mark here if

or document by the appropriate symbols as indicated on the document under WIPO Standard S1. 16 if possible. Applicant is to place a check mark here it English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the emount of time you require to complete this form antions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

HEWLETT-PACKARD COMPANY Intellectual Property Administration R. O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 100111234-1

IN THE

entor(s):

S. Brandon Keller, et al.

Confirmation No.: 2410

Application No.: 10/647,596

Examiner:

Not Yet Assigned

Filing Date:

Aug. 25, 2003

Group Art Unit: 2123

Title:

SYSTEM AND METHOD ANALYZING DESIGN ELEMENTS IN COMPUTER AIDED DESIGN

TOOLS

Mail Stop Amendment **Commissioner for Patents** PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

UNITED STATES PATENT AND TRADEMARK OFFICE

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last) () under 37 CFR 1.97(c) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first) () under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and () a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV413219657US

Date of Deposit Dec. 1, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed Commissioner 22313-1450. Patents. Alexandria.

Typed Name: Melissa Smith

Respectfully submitted,

S. Brandon Keller, et al.

Curtis A. Vock

Attorney/Agent for Applicant(s)

Reg. No. 38.356

Date: Dec. 1, 2005

Telephone No.: (720) 931-3011

Rev 12/04 (IDSXML)

DEC 01 7005 W

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known				
Application Number	10/647,596			
Filing Date	August 25, 2003			
First Named Inventor	S. Brandon Keller			
Art Unit	2825			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	100111234-1			

			U.S. PATENT		
Examiner Initials	Cite No.*	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
M		US-5,831,869	11-03-1998	Ellis, et al.	
10		US-6,028,991	02-22-2000	Akashi	
T	L	US-6,230,299	05-08-2001	McSherry, et al.	
		US-6,308,304	10-23-2001	Devgan, et al.	
T_{-}		US-2002/002701	01-03-2002	Usami, et al.	
T = T		US-2002/0023255	02-21-2002	Kamiewicz	
L =		US-6,363,516	03-26-2002	Cano, et al.	
I		US-6,480,987	11-12-2002	McBride	
I		US-6.523,149	02-18-2003	Mehrotra, et al.	
		US-2003/0051222	03-13-2003	Williams, et al.	
		US-6,587,999	07-01-2003	Chen, et al.	
		US-2003/0237067	12-25-2003	Mielke, et al.	
		US-2004/0044972	03-04-2004	Rohrbaugh, et al.	
		US-2004/0078767	04-22-2004	Burks, et al.	
		US-6,772,404	08-03-2004	Tanaka	
		US-2004/0199880	10-07-2004	Kresh, et al.	•
4.0		US-6,807,520	· 10-19-2004	Zhou, et al.	
16		U\$-6,931,613	08-16-2005	Kauth, et al.	
7		US-			
		US-			
		US-			

		FOREIGN PA	TENT DOCUM	MENTS		
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T°
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document		
						
	-		<u> </u>			 -
	l					

*EXAMINER: Initial if reference onsidered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English tampuage Translation is attracted.

of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible." Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.





Suite 2800 Kansas City, Missouri 64108-2684 (816) 292-2000, Fax (816) 292-2001

Direct Dial Number: (816) 460-5819

10851 Mastin Blvd. Building 82, Sulte 1000 Overland Park, KS 66210-1669 (919) 451-5100, Fax (913) 451-0875

The Equitable Building, Suite 1300 10 South Broadway St. Louis, MO 63102-1708 (314) 613-2500, Fax (314) 613-2550

314 East High Street Jefferson City, MO 65101 (573) 893-4336, Fax (573) 893-5398

230 Park Avenue Suite 1647 New York, NY 10169 (212) 850-6220, Fax (212) 850-6221

370 17th Street Suite 4650 Denver, CO 80202-5607 (720) 931-3200, Fax (720) 932-3201 www.lathropgage.com

1845 S. National Springfield, MO 65808-4288 (417) 886-2000, Fax (417) 886-9126

4845 Pearl East Circle Suite 300 Boulder, CO 80301 (720) 931-3000, Fax (720) 931-3001

Suite 1050 Franklin Square 1300 Eye Street, N.W. Washington, D.C. 20005 (202) 962-0032, Fax (202) 962-0357

January 17, 2006

From: William A. Rudy

Matter No.: 400650

To:	Company:	Fax Number:	Phone Number:
Commissioner For Patents	U.S. Patent Office	(571) 273-8300	

Number of Pages Transmitted (including this cover sheet): 6

Message:

Applicant(s):

S. Brandon Keller

Confirmation No.

2410

Serial No.

10/647,596

Group Art Unit:

2123

Filed:

August 25, 2003

Examiner:

Not Yet Assigned

For:

System And Method

Analyzing Design Elements In Computer Aided Design

Tools

Attorney Docket No.

100111234-1

If you have a problem receiving this facsimile, please call: (816) 292-2000

Fax Attendant: Alapath

CONFIDENTIALITY NOTE:

The Information in this facsimile message ("fax") is sent by an attorney or his/her agent, is intended to be confidential and for the use of only the Individual or entity named above. The information may be protected by attorney/client privilege, work product immunity or other legal rules. If the reader of this message is not the intended recipient, you are notified that retention, dissemination, distribution or copying of this fex is strictly prohibited. If you receive this fex in error, please notify us immediately by telephone and return it to the address above. Thank you.

JAN. 17. 2006 4:46PM

LATHROP & GAGE

RECEIVED CENTRAL FAX CENTER

NO. 2522 P. 2/5

JAN 1 7 2006

PATENT APPLICATION

MEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 100111234-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

S. Brandon Keller, et al.

Confirmation No.: 2410

Application No.: 10/647,596

Examiner: Not Yet Assigned

Filing Date:

Aug. 25, 2003

Group Art Unit: 2123

Date: Jan. 17, 2006

Title:

System And Method Analyzing Design Elements In Computer Alded Design Tools

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X)	under 37 CFR 1.97(b), or (Within three months of filling national application; or date of entry of national application; or before mailing date of first office action on the ments; whichever occurs last)
()	under 37 CFR 1.97 (c) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final eation or notice of allowance, whichever occurs first)
()	under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and () a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the Issue fee)

Please charge to Deposit Account **08-2025** the sum of <u>\$0.00</u>. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

- (X) Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.58.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

() I hereby certify that this correspondence is being deposited with the United States Postal Service	Respectfully submitted,
as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA	S. Brandon Keller et al.,
22313-1450. Date of Deposit:	By WARD John My
(X) I hereby certify that this paper is being transmitted to the Patent and Trademark Office	William A. Rudy
faosimile number <u>(571) 273-8200</u> on <u>Jan 17, 2006</u> Number of pages: 5	Attorney/Agent for Applicant(s)
Typed Namordanat Hidaath	Reg. No. 34,916

PAGE 2/5* RCVD AT 1/17/2006 5:43:26 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/25* DNIS:2738300* CSID: * DURATION (mm-ss):02-34 9

ones Kidpath

RECEIVED CENTRAL FAX CENTER

JAN. 17. 2006 4:46PM

LATHROP & GAGE

JAN 17 2006

PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

inventor(s):

S. Brandon Keller, et al.

Confirmation No.: 2410

Application No.: 10/647,598

Examiner: Not Yet Assigned

Filing Date:

Aug. 25, 2003

Group Art Unit: 2123

Title:

System And Method Analyzing Design Elements in Computer Aided Design Tools

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filling national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last) () under 37 CFR 1.97 (o) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 97 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first) () under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and () a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

. At any time during the Please charge to Deposit Account 08-2025 the sum of \$0.00 pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
	Commissioner for Patents, Alexandria, VA
	22313-1450. Date of Deposit:
	OR
(X) I hereby certify that this paper is being
	transmitted to the Patent and Trademark Office
	facsimile number_(571) 273-8300 Onlan. 17, 2006
	Number of pages: 5

Typed Namer (anet Ridpath

Respectfully submitted,

S. Brandon Kellernet al.

Attorney/Agent for Applicant(s)

34,916 Reg. No.

Date: Jan. 17, 2006

PAGE 3/5 * RCVD AT 1/17/2006 5:43:26 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/25 * DNIS:2738300 * CSID: * DURATION (mm-ss):02-341 9

RECEIVED CENTRAL FAX CENTER

JAN 17 2006

NO. 2522 P. 4/5

PTC/SB/08a (06-03)
Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for form 1449A/PTO SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Uso se many sheets as recessary)

1 of 1

	Complete if Known	
Application Number	10/847,598	
Filing Date	August 25, 2003	
First Named Inventor	S. Brandon Keller	
Art Unit	2123	
Examinar Name	Not Yet Assigned	_
Altorney Docket Number	100111234-1	_

	·		U.S. PATENT	DOCUMENTS	
Examiner	Cass	Document Number	Publication Date	Name of Patantoe or Applicant of Cited Document	
Initiala *	No. ¹	Nurober - Kind Code ² (# tonower)	MM-DD-YYYY	Cited Document	Pagos, Columna, Lines, Where Relevant Passages or Relevant
~ 0		US-6,812,416	09-22-1998	Gupte, et al.	Reuros Appear
24 5		US-6,825,660	10-20-1998	Cagan, et al.	
7460		US-6,526,562	02-25-2003	Haddad, et al.	
		US-			
0		US-		 	
		US-		<u> </u>	
		US-			
		US-			
		US-			
		US-			
		uş-		 	
		U8-			
	_	U6-			
		US-			
		US-			
		uş-			
		US-			
		US-			

		FOREIGN PA	TENT DOCUM	ENTS		
Dominer	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ^a - Number - Kind Code ⁶ (If Interior)	Publication Cars MM-DD-YYYY	Applicant of Cited Document	Where Ratevent Passages or Refevent Figures Appear	T
					<u> </u>	
						
		<u> </u>				

Examiner	1 1/1	/)	Date	
Signature	1 / <i>m</i> /	//		9//
	- //	12 - S	Considered	7/77/06
*FYAMINED toiti	of if rotaeries	Abrillenge tebalbas as ant attette	A TO THE STATE OF	

"EXAMINER: Initial II retrorice possible of, whether or not citation is in conformance with MFEP 6th. Draw line through citation it not in conformance and not considered. Include copy of his form with next communication to applicant: Applicant's unique citation designation number (optional). ² See Ninds Codes of USPTO Patant Documents at www.usets.gov or MPSP 901.04. ³ Enter Office that issued the document, by the worletter code (NIPO Standard ST.3.). ⁴ For appearace patent documents, the indication of the year of the reign of the Emperor must precede the stall number of the petient document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to piezo a check mark here it English language Translation is addented. This collection of Indomation is required by ST CFR 1.57 and 1.68. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confiderationly is governed by SS U.S.C. 122 and ST CFR 1.14. This collection is addressed to take 2 hours to complete, including gathering, preparing, and studying the sounded application form to the USPTO. Time will vary depending upon the individual case. Any commercia on the amount of time you require to complete this form any of vargestors for reducing this burden, should be sent to the Chief information. Caffeer, U.S. Patent and Trademark Office, U.S. Department of Commercia, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Petents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9189 and select option 2.

LATHROP & GAGE

NO. 2522 P. 5/5

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

RECEIVED CENTRAL FAX CENTER

PATENT APPLICATION

ATTORNEY DOCKET NO. __100111234-1

JAN 17 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

inventor(s):

S. Brandon Keller, et al.

Confirmation No.: 2410

Application No.: 10/647,596

Examiner: Not Yet Assigned

Filing Date:

Aug. 25, 2003

Group Art Unit: 2123

Title:

System And Method Analyzing Design Elements In Computer Aided Design Tools

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1460

STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of Information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- () No item of information contained in the Information Disclosure Statement
 - -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
 - -- to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the information Disclosure Statement.

Respectfully submitted,

S. Brandon Keller, et al.

William A. Rudy

Attorney/Agent for Applicant(s)

Reg. No. 34,916

Date: Jan. 18, 2006

Telephone No.: (818) 460-5819

06-09-05.

PATENT APPLICATION

ATTORNEY DOCKET NO. 100111234-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

S. Brandon Keller, et al.

Confirmation No.: 2410

TRADE Polication No.: 10/647,596

HEWLETT-PACKARD COMPANY

Collins, Colorado 80527-2400

O. Box 272400

Examiner:

Not Assigned

Filing Date:

Aug. 25, 2003

Group Art Unit: 2123

Title:

SYSTEM AND METHOD ANALYZING DESIGN ELEMENTS IN COMPUTER AIDED DESIGN

TOOLS

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(x) under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last) () under 37 CFR 1.97(c) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first) () under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and () a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV413242718U\$

Date of Deposit June 8, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed Commissioner for Patents, Alexandria, 22313-1450

Typed Name: Melissa Smith

Respectfully submitted,

S. Brandon Keller, et al.

Curtis A. Vock

Attorney/Agent for Applicant(s)

Reg. No. 38,356

Date: June 8, 2005

Telephone No.: (720) 931-3011

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/647,596 Filing Date August 25, 2003 First Named Inventor S. Brandon Keller Art Unit 2123 Examiner Name Not Yet Assigned

(Use as many sheets as necessary)

Sheet of

ute for form 1449A/PTO

EATS TRA

Attorney Docket Number 100111234-1

Examiner Initials	Cite No.1	Occument Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appear
ZMI		US-2002/0144219	10-03-2002	Zachariah, et al.	rigures Appear
$\overline{}$		US- 2003/0200519	10-23-2003	Argyres	
		US- 2003/0208721	11-06-2003	Regnier	
		US- 2003/0221173	11-27-2003	Fisher	
		US- 5,249,133	09-28-1993	Batra	
		US- 5,301,318	04-05-1994	Mittal	
		US- 5,668,732	09-16-1997	Khouja, et al.	
		US- 5,673,420	09-30-1997	Reves, et al.	
		US- 5,682,320	10-28-1997	Khouja, et al.	
		US- 5,696,694	12-09-1997	Khouja, et al.	
		US- 5,838,579	11-17-1998	Olson, et al.	
		US- 5,903,476	05-11-1999	Mauskar, et al.	
		US- 5,948,218	08-31-1999	Taylor, et al.	
		US- 5,949,691	09-07-1999	Kurosaka, et al.	
		US- 6,075,932	06-13-2000	Khouja, et al.	
7		US- 6,272,671	08-07-2001	Fakhry	
		US- 6,330,703	12-11-2001	Saito, et al.	
		US- 6,345,379	02-05-2002	Khouja, et al.	
		US- 6,378,123	04-23-2002	Dupenloup	
		US- 8,490,717 B1	12-03-2002	Pederson, et al.	-
		US- 6,493,864	12-10-2002	Liu	
		US- 6,529,861	03-04-2003	Patra, et al.	
		US- 6,531,923 B2	03-11-2003	Burns	
		US- 6,598,211	07-22-2003	Zachariah, et al.	
		US- 6,751,782 B2	06-15-2004	Levin, et al.	
V		US- 6,801,884	10-05-2004	Ferreri, et al.	
		US- 6,836,877	12-28-2004	Dupenloup	

		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	Τ°
		 				

	T	
Examiner	$1 \wedge 1 \wedge 1$	Date
Signature	1/1/1 1/2 02	Considered 9/77/06
3181151515	1 2/ Bress	- Considered / 2/ / 26

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspio.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if

of document by the appropriate symbols as indicated on the document under WIPO Signature St. To it pussions. Pupilicate is a place of statched.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 otling Colorado 80527-2400 72- 045 C

PATENT APPLICATION

100111234-1 ATTORNEY DOCKET NO.

IN THE

FEB 0 6 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

ixentor(s):

S. Brandon Keller, et al.

Confirmation No.:

PADENAS Application No.: 10/647,596

Examiner: Not Assigned

Filing Date:

Aug. 25, 2003

Group Art Unit:

Tide:

SYSTEM AND METHOD ANALYZING DESIGN ELEMENTS IN COMPUTER AIDED DESIGN

TOOLS

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

() under 37 CFR 1.97(c) together with either a:

() Statement under 37 CFR 1.97(e), or

() a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:

() Statement under 37 CFR 1.97(e)(1) or (2), and

() a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV210654855US

Date of Deposit Feb. 6, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on Office to Addressee service under c. the date indicated above and is addressed to: etent Alexandria, Commissions 22313-1450

Typed Name: Wendy Precht

Respectfully submitted,

S. Brandon Keller, et al.

Peter C. Knops

Attorney/Agent for Applicant(s)

Reg. No. 37,659

Date: Feb. 6, 2004

Telephone No.: (816) 460-5826

PATENT APPLICATION

Sheet 1 of 6

FORM PI	FO-1449	BLICATIONS FOR	ATTY. DOCKET NO. 100111234-1 APPLICANT	10/647,596	ATION
DOL BAPPLICA	NT'S INFORMATIO	ON DISCLOSURE	S. Brandon Keller,		
, E (Us	se several sheets if	necessary)	FILING DATE Aug. 25, 2003	GROUP	
(Ua	DESIGNATION	IIS PA	ATENT DOCUMENTS		
XAMINER	DOCUMENT	PUBLICATION	1	Pages, Columns, Lines Wher	е .
INITIAL	NUMBER	DATE	NAME	Relevant Passages or Figures Ap	
1A					
1B					
1C					
1E					
1F			 		
1G					
1H					
11					
1J					
1K					
11.	NUMBER	DATE	OR APPLICANT	Relevant Passages/Figures Appear	at
11					
1 M					
1M 1N 10					
1M					
1M 1N 10	OTHER REFE	RENCES (includio	ng Author, Title, Date, Pe	ertinent Pages, etc.)	
1M 1N 10	KELLER S. Bra	ndon; ROGERS, De	ennis R.; LELM, Charles A.;	U.S. Patent Application Serial Nur ermining Nets Requiring Detailed rated Circuit: Filed November 12,	mber
1M 1N 10 1P	KELLER, S. Bra 10/706,682, Er Electromigration 2003 KELLER, S. Bra 10/706,698, Er	Indon; ROGERS, Dentitled: Method Ann And Self Heating	ennis R.; LELM, Charles A.; d Program Product For Dete Analysis In A Digital Integr ennis R.; LELM, Charles A.; d Program Product For Perf	U.S. Patent Application Serial Nur ermining Nets Requiring Detailed	mber
1M 1N 10 1P	KELLER, S. Bra 10/706,682, Electromigratio 2003 KELLER, S. Bra 10/706,698, El Digital Integrate KELLER, S. Bra 10/706,376, Electromigratio	ndon; ROGERS, Dentitled: Method Ann And Self Heating ndon; ROGERS, Dentitled: Method Anned Circuit Through	ennis R.; LELM, Charles A.; d Program Product For Dete Analysis In A Digital Integral ennis R.; LELM, Charles A.; d Program Product For Perf A Single Cycle Transient Si ennis R.; LELM, Charles A.; d Program For Visual Displa Design-Rule Violations In A	U.S. Patent Application Serial Nur ermining Nets Requiring Detailed rated Circuit: Filed November 12, U.S. Patent Application Serial Nur orming Self-Heating Analysis In A imulation; Filed November 12, 200	mber)3
1M 1N 10 1P	KELLER, S. Bra 10/706,682, Electromigratio 2003 KELLER, S. Bra 10/706,698, El Digital Integrate KELLER, S. Bra 10/706,376, Electromigratio	ndon; ROGERS, Dentitled: Method Ann And Self Heating ndon; ROGERS, Dentitled: Method Aned Circuit Through ndon; BOGERS, Dentitled: Method Aner And Self Heating	ennis R.; LELM, Charles A.; d Program Product For Dete Analysis In A Digital Integral ennis R.; LELM, Charles A.; d Program Product For Perf A Single Cycle Transient Si ennis R.; LELM, Charles A.; d Program For Visual Displa Design-Rule Violations In A	U.S. Patent Application Serial Nurermining Nets Requiring Detailed ated Circuit: Fifed November 12, U.S. Patent Application Serial Nurorming Self-Heating Analysis In Amulation; Filed November 12, 200 U.S. Patent Application Serial Nurey and One-Click Repair Of Digital Integrated Circuit Layout	mber)3

PATENT APPLICATION Sheet 2 of 6

PERMI	PTO-1449			ATTY. DOCKET NO. 100111234-1	1	PPLICATION NO 0/647,596	CONFIRMA	TION 1
USTY	PATENTS AND P	UBLICATIONS FOR		APPLICANT		<u> </u>	<u> </u>	
B 0 6 2004	PATENTS AND PI ANT'S INFORMATI STATE	ON DISCLOSURE MENT		S. Brandon Keller		·		
	se several sheets i	if necessary)		Aug. 25, 2003	G	ROUP	•	
IRADE REFERENCE	DESIGNATION	II S B		DOCUMENTS	<u> </u>			
CAMINER	DOCUMENT	PUBLICATION	712101			Pages, Column	s. Lines Where	,
INITIAL	NUMBER	DATE		NAME	Re	levent Passages		
2A								
2B								
2C								
2D								
2E							· · · · · · · · · · · · · · · · · · ·	
2F					-		,	
2G 2H						·	<u> </u>	
21								
2J								
25 2K								
								
	DOCUMENT NUMBER	PUBLICATION DATE		ME OF PATENTEE OR APPLICANT		ges/Columns/Line		Check Transla
2L								
2M			,					1
2N	_							
20						······································		
2P								
	OTHER REF	ERENCES (includi	ing Auti	nor, Title, Date, P	Pertinent	Pages, etc.)		
20	KELLER, S. Bra	andon; ROGERS, D	ennis R.	; LELM, Charles A.;	; U.S. Pa	tent Application	n Serial Num	ber
	Digital Integrat	Entitled: Method Arted Circuit By Conv ; Filed November 1	erting A	m Product For Per Netlist To A DC M	forming 1	Electromigration Description	n Analysis In C Analysis O	f
2R	10/706,526, E And Self Heati	ntitled: Method Ar	od Progra igital Int	; LELM, Charles A.; am Product For Per egrated Circuit With	formina <i>i</i>	A Worst Case	Electromiarat	ion
28	110/706.692. E	ntitled: Method Ar	nd Progra	; LELM, Charles A.; am Product For Per e Cycle Transient S	forming I	Electromigratio	n Analysis In	Α
				DATE CONSIDER	má	deal		
EXAMINER				DATE CONSIDER	RED	/ <u>,</u>		
	$M \cdot \Lambda_{-}$			1	\sim $/$. /		

Rev 10/03 (PTO1449)

PATENT APPLICATION

Sheet 3 of 6

	_	TO-1449	-	ATTY. DOCKET NO. 100111234-1	APPLICATION NO. 10/647,596	CONFIRMATION
AF	PENCE	NT'S INFORMATI	UBLICATIONS FOR ON DISCLOSURE EMENT	APPLICANT S. Brandon Keller	, et al.	<u> </u>
EB 0 6	200/	<u>`</u>		FILING DATE	GROUP	
		several sheets	T necessary)	Aug. 25, 2003		
erene.	y de la	DESIGNATION DOCUMENT	U.S. PA	ATENT DOCUMENTS		
AMINER NITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns Relevant Passages of	s, Lines Where or Figures Appear
	за					
	3B				,	
	3C					
	3D					
	3E					
	3F					
	3G					
	зн					
	31	•	·			
	37					·
	зк					
	21	NUMBER	DATE	OR APPLICANT	Relevant Passages/Figur	res Appear attac
	3L		-			
	00.4		1		•	
	3M				_	
	3N					
:	3N					
	3N					
	3N	OTHER REF	ERENCES (includir	ng Author, Title, Date, P	ertinent Pages, etc.)	2
1	3N	KELLER, S. Bra	andon; ROGERS, De Intitled: Method And ted Circuit Layout D	ennis R.; LELM, Charles A.; d Program Product For Per eatabase by Substituting Re	U.S. Patent Application	alvsis In A
	3N 3O 3P	KELLER, S. Bra 10/706,508, E Digital Integrat Filed Novembe KELLER, S. Bra under EV2106 Currents In A	andon; ROGERS, De Intitled: Method And led Circuit Layout D ler 12, 2003	ennis R.; LELM, Charles A.; d Program Product For Perl eatabase by Substituting Re ennis R.; BØBBERTS, Georg Method And Program Prod rount Through Worst-Case	U.S. Patent Application forming Self-Heating An esistive Models For Activities Heating Application for Heating Models For Determining World Heat For Determi	alysis In A ve Devices; cation filed orst Case
	3N 3O 3P	KELLER, S. Bra 10/706,508, E Digital Integral Filed November KELLER, S. Bra under EV2106 Currents in A Docket No.: 2	andon; ROGERS, De intitled: Method Andred Circuit Layout Der 12, 2003 andon; ROGERS, De 55516US; Entitled: 200300123-1; Filed andon; ROGERS, De 55564US; Docket:	ennis R.; LELM, Charles A.; d Program Product For Perl eatabase by Substituting Re ennis R.; BØBBERTS, Georg Method And Program Prod rount Through Worst-Case	U.S. Patent Application forming Self-Heating An sistive Woodels For Active Heating An Active Heating Woodels For Determining W	cation filed currents;
	3N 3O 3P 3Q 3R	KELLER, S. Bra 10/706,508, E Digital Integral Filed November KELLER, S. Bra under EV2106 Currents in A Docket No.: 2	andon; ROGERS, De intitled: Method Andred Circuit Layout Der 12, 2003 andon; ROGERS, De 55516US; Entitled: 200300123-1; Filed andon; ROGERS, De 55564US; Docket:	ennis R.; LELM, Charles A.; d Program Product For Perlatabase by Substituting Research and Program Product Through Worst-Case January 30, 2004 ennis R.; ROBBERTS, Georg 200308901-1; Entitled: Siled January 30, 2004	U.S. Patent Application forming Self-Heating An esistive Models For Activities of the Heating An esistive Models For Activities of the Heating Work of the Heating Work of Partial estates of the Heating Work of the Heating And	cation filed currents;
EXAMIN	3N 3O 3P 3Q 3R	KELLER, S. Bra 10/706,508, E Digital Integral Filed November KELLER, S. Bra under EV2106 Currents in A Docket No.: 2	andon; ROGERS, De intitled: Method Andred Circuit Layout Der 12, 2003 andon; ROGERS, De 55516US; Entitled: 200300123-1; Filed andon; ROGERS, De 55564US; Docket:	ennis R.; LELM, Charles A.; d Program Product For Perlatabase by Substituting Research of the Program Product Through Worst-Case January 30, 2004	U.S. Patent Application forming Self-Heating An esistive Models For Activities of the Heating An esistive Models For Activities of the Heating Work of the Heating Work of Partial estates of the Heating Work of the Heating And	cation filed currents;

PATENT APPLICATION Sheet 4 of 6

F	ORWI P	TO-1449			ATTY. DOCKET NO.		APPLICATION NO.	CONFIRMA	
ID	<i></i>		IN ICATIONS FOR	L	100111234-1		10/647,596		
J U	SH OF PP山ビタ	PATENTS AND PLANT'S INFORMATI	JBLICATIONS FOR ON DISCLOSURE		APPLICANT	_			
EB 0 6	٠,	CTATE		-	S. Brandon Kelle FILING DATE	r, et i	al. I GROUP		
		la all	f necessary)	i	Aug. 25, 2003				
£PPE	WE	DESIGNATION DOCUMENT	U.S. P	ATENT	DOCUMENTS		·		
AMINER	1	DOCUMENT	PUBLICATION				Pages, Columns		
NITIAL	\vdash	NUMBER	DATE		NAME	-	Relevant Passages of	or Figures App	ear ——
	4A								
	4B 4C								
	4D								
	4E								
	4F								
	4G			<u> </u>					
	4H								
	41								
	4.)		,						
	4K								
	T 1		 		PATENT DOCUM	ENTS		- \AB	Chec
		DOCUMENT NUMBER	PUBLICATION DATE	NA	PATENT DOCUM ME OF PATENTEE OR APPLICANT	1	Pages/Columns/Line elevant Passages/Figu		Transla
	4L		PUBLICATION	NA	ME OF PATENTEE	1	Pages/Columns/Line		Transla
:	4L 4M 4N		PUBLICATION	NA	ME OF PATENTEE	1	Pages/Columns/Line		Transla
	4M		PUBLICATION	NA	ME OF PATENTEE	1	Pages/Columns/Line		Transla
· · · · · · · · · · · · · · · · · · ·	4M 4N		PUBLICATION	NA	ME OF PATENTEE	1	Pages/Columns/Line		Transla
<u> </u>	4M 4N 4O	NUMBER	PUBLICATION	NA	ME OF PATENTEE OR APPLICANT	Re	Pages/Columns/Line slevant Passages/Figu		Transla
	4M 4N 4O	OTHER REF	PUBLICATION DATE	ng Aut	ME OF PATENTEE OR APPLICANT hor, Title, Date, F ; ROBBERTS, Geor	Pertin ge H. d: Sy	Pages/Columns/Line elevant Passages/Figurent nent Pages, etc.) ; U.S. Patent Appli stem And Method	ication filed	Transla
	4M 4N 4O 4P	OTHER REF	PUBLICATION DATE ERENCES (includiated and on; ROGERS, Do 155581US; Docket	ng Autiennis R. No.: 20 A Circuennis R. No.: 20	ME OF PATENTEE OR APPLICANT hor, Title, Date, f ; ROBBERTS, Geor 0308899-1; Entitle it Design; Filed Jan ; ROBBERTS, Geor	Pertin ge H. d: Synuary ge H.	Pages/Columns/Line elevant Passages/Figure ent Pages, etc.) ; U.S. Patent Appli stem And Method 30, 2004 ; U.S. Patent Appli ystems And Metho	ication filed For	Transle
	4M 4N 4O 4P	NUMBER OTHER REFI KELLER, S. Brunder EV2106 Determining D KELLER, S. Brunder EV2106 Equivalent Instance EV2106 Equivalent Applica	PUBLICATION DATE ERENCES (includions) andon; ROGERS, Docket etail Of Analysis In andon; ROGERS, Docket etail Of Control of Contro	ng Aut ennis R. No.: 20 A Circu ennis R. No.: 20 Configure	ME OF PATENTEE OR APPLICANT hor, Title, Date, f ; ROBBERTS, Geor 0308899-1; Entitle it Design; Filed Jan ; ROBBERTS, Geor 00308898-1; Entitle etion Information F	Reference Refere	Pages/Columns/Line elevant Passages/Figure ment Pages, etc.) ; U.S. Patent Appli estem And Method 30, 2004 ; U.S. Patent Appli estems And Method halysis Tools; Filed & STEVENS, Scot	ication filed For ication filed ds That Iden January 30,	Transle
	4M 4N 4O 4P	NUMBER OTHER REFI KELLER, S. Brunder EV2106 Determining D KELLER, S. Brunder EV2106 Equivalent Instance EV2106 Equivalent Applica	PUBLICATION DATE ERENCES (including andon; ROGERS, Docket andon; ROGERS, Docket andon; ROGERS, Docket antiation-Specific Common; ROGERS, Docket antiation-Specific Common; ROGERS, Docket andon; ROGERS, Docket antiation-Specific Common; ROGERS, Docket andon; ROGERS, ROGERS	ng Aut ennis R. No.: 20 A Circu ennis R. No.: 20 Configure	ME OF PATENTEE OR APPLICANT hor, Title, Date, for the control of	Pertin ge H. d: Synuary ge H. sd: System	Pages/Columns/Line elevant Passages/Figure ent Pages, etc.) ; U.S. Patent Applistem And Method 30, 2004 ; U.S. Patent Applistems And Method halysis Tools; Filed & STEVENS, Scott	ication filed For ication filed ds That Iden January 30,	Transle
EXAM	4M 4N 4O 4P 4Q 4R	NUMBER OTHER REFI KELLER, S. Brunder EV2106 Determining D KELLER, S. Brunder EV2106 Equivalent Instance EV2106 Equivalent Applica	PUBLICATION DATE ERENCES (including andon; ROGERS, Docket andon; ROGERS, Docket andon; ROGERS, Docket antiation-Specific Common; ROGERS, Docket antiation-Specific Common; ROGERS, Docket andon; ROGERS, Docket antiation-Specific Common; ROGERS, Docket andon; ROGERS, ROGERS	ng Aut ennis R. No.: 20 A Circu ennis R. No.: 20 Configure	ME OF PATENTEE OR APPLICANT hor, Title, Date, f ; ROBBERTS, Geor 0308899-1; Entitle it Design; Filed Jan ; ROBBERTS, Geor 00308898-1; Entitle etion Information F	Pertin ge H. d: Synuary ge H. sd: System	Pages/Columns/Line elevant Passages/Figure ent Pages, etc.) ; U.S. Patent Applistem And Method 30, 2004 ; U.S. Patent Applistems And Method halysis Tools; Filed & STEVENS, Scott	ication filed For ication filed ds That Iden January 30,	

PATENT APPLICATION

Sheet 5 of 6

	ST OF PRICE	TO-1449 PATENTS AND PLINT'S INFORMATION STATE		100111234-1 APPLICANT S. Brandon Kelle	10/647,596 or, et al.				
B 0 6 20	e von ¥ei)	e several sheets h	f necessary)	FILING DATE	GROUP				
	34.7	/	• •		Aug. 25, 2003				
ELEMB	DEE I	DESIGNATION	U.S. PA	ATENT DOCUMENTS	····				
XAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures App	pear			
	5A								
	5B								
	5C								
	5D								
	5E								
	5F								
	5G	_			1				
	5H								
	51								
	5J								
	5K		,						
	5L	NUMBER	DATE	OR APPLICANT	Relevant Passages/Figures Appear	attac			
	5M					╁╌╌			
	 								
	5N					1			
	5N 5O								
					·				
	50	OTHER REFE	RENCES (includin	ng Author, Title, Date,	Pertinent Pages, etc.)				
	50	KELLER, S. Bra	andon: ROGERS. De	nnis R.; ROBBERTS, Geo 200310172-1; Entitled:	Pertinent Pages, etc.) rge H.; U.S. Patent Application filed System And Method For Processing				
	50 5P	KELLER, S. Braunder EV2106 Configuration I	andon; ROGERS, De 55533US; Docket: nformation; Filed Ja andon; ROGERS, De 55555US; Docket:	nnis R.; ROBBERTS, Geo 200310172-1; Entitled: anuary 30, 2004 nnis R.; ROBBERTS, Geo 200310170-1-Entitled:	rge H.; U.S. Patent Application filed				
	50 5P 5Q	KELLER, S. Braunder EV2106 Configuration I KELLER, S. Braunder EV2106 Run-Time And	andon; ROGERS, De 55533US; Docket: nformation; Filed Jandon; ROGERS, De 55555US; Docket: Result Accuracy In 1975, ROGERS, De 55578US; Docket: mbinations Used Du	nnis R.; ROBBERTS, Geo 200310172-1; Entitled: anuary 30, 2004 nnis R.; ROBBERTS, Geo 200310170-1; Entitled: A Circuit Design Analysi nnis R.; ROBBERTS, Geo 200308900-1; Entitled: uring Circuit Design Analysi	rge H.; U.S. Patent Application filed System And Method For Processing rge H.; U.S. Patent Application filed System And Method For Balancing				
	50 5P 5Q 5R	KELLER, S. Braunder EV2106 Configuration I KELLER, S. Braunder EV2106 Run-Time And	andon; ROGERS, De 55533US; Docket: nformation; Filed Jandon; ROGERS, De 55555US; Docket: Result Accuracy In 1975, ROGERS, De 55578US; Docket: mbinations Used Du	nnis R.; ROBBERTS, Geo 200310172-1; Entitled: anuary 30, 2004 nnis R.; ROBBERTS, Geo 200310170-1; Entitled: A Circuit Design Analysis nnis R.; ROBBERTS, Geo 200308900-1; Entitled: uring Circuit Design Analysis	rge H.; U.S. Patent Application filed System And Method For Processing rge H.; U.S. Patent Application filed System And Method For Balancing s Tool; Filed January 30, 2004				

Rev 10/03 (PTO1449)

PATENT APPLICATION Sheet 6 of 6

	W PTO-1449			ATTY. DOCKET NO. 100111234-1	10/647,596	CONFIRMATION	N I
LIST OF PATENTS AND PUBLICATIONS FOR APPLICATIONS INFORMATION DISCLOSURE FEB 0 6 200% STATEMENT (Uses everal sheets if necessary)				APPLICANT	10/00/7,000	 	•
				S. Brandon Keller, et al.			-
				FILING DATE	GROUP		
W	87			Aug. 25, 2003		·	-
EFERM	DESIGN	ATION	U.S. PA	ATENT DOCUMENTS			_
XAMINER INITIAL	DOCU	MENT IBER	PUBLICATION DATE	NAME	Pages, Columns Relevant Passages		-
- 6	BA						_
•	ВВ					·	_
	6C						_
	BD						-
	BE						-
	3F						-
(3G						-
	3H						_
	61						_
	31						_
- 1	3K						
	NUM 6L	3ER	DATE	OR APPLICANT	Relevant Passages/Figu	att	taci
	BM						
	BN						
	60						
						•	
- 10	6P						
		R REFER	tENCES (includin	g Author, Title, Date, I	Pertinent Pages, etc.)		
	OTHE	R, S. Bran	idon; ROGERS, De 5547US; Docket: combinations For U	ennis R.: ROBBERTS, George 200310171-1; Entitled: Street During Simulation Of A	ge H.; U.S. Patent Appl	Determining	
	OTHE	R, S. Bran EV21065! I Signal C	don; ROGERS, De 5547US; Docket: combinations For U	nnis R.: ROBBERTS, Geor	ge H.; U.S. Patent Appl System And Method For A Stage Of A Circuit Des	Determining sign; Filed	
	OTHE	R, S. Bran EV21065! I Signal C	don; ROGERS, De 5547US; Docket: combinations For U	nnis R.: ROBBERTS, Geor 200310171-1; Entitled: S Use During Simulation Of A	ge H.; U.S. Patent Appl System And Method For A Stage Of A Circuit Des	Determining sign; Filed	- -
EXAMIN	6Q KELLEI under Contro Januar 6R	R, S. Bran EV21065! I Signal C	don; ROGERS, De 5547US; Docket: combinations For U	nnis R.: ROBBERTS, George 200310171-1; Entitled: Size During Simulation Of Annual Control Cont	ge H.; U.S. Patent Appl Bystem And Method For A Stage Of A Circuit Des	Determining sign; Filed	<u> </u>